

Wednesday, December 30, 2020

Attn: Mr. Keith Gammell Barnhardt Mfg. Co. 247 Main Rd P.O. Box 3 Colrain, MA 01340

Project ID: NPDES BI MONTHLY DEC

SDG ID: GCH33443 Sample ID#s: CH33443

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis/Shiller

**Laboratory Director** 

NELAC - #NY11301

CT Lab Registration #PH-0618
MA Lab Registration #M-CT007

ME Lab Registration #CT-007

NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003

NY Lab Registration #11301

PA Lab Registration #68-03530

RI Lab Registration #63

UT Lab Registration #CT00007

VT Lab Registration #VT11301



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

# Sample Id Cross Reference

December 30, 2020

SDG I.D.: GCH33443

Project ID: NPDES BI MONTHLY DEC

Client Id	Lab Id	Matrix
EFFLUENT	CH33443	WASTE WATER



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report** 

December 30, 2020

FOR: Attn: Mr. Keith Gammell

Barnhardt Mfg. Co.

247 Main Rd P.O. Box 3

Colrain, MA 01340

**Sample Information Custody Information Date** <u>Time</u> WASTE WATER Collected by: KG 12/16/20 7:00 Matrix: Received by: Location Code: **BARNHARD** В 12/16/20 16:26

Rush Request: Standard Analyzed by: see "By" below

Laboratory Data

SDG ID: GCH33443

Phoenix ID: CH33443

Project ID: NPDES BI MONTHLY DEC

G11301

Client ID: EFFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Ammonia as Nitrogen	0.44	0.10	mg/L	2	12/30/20	KDB	E350.1
Nitrite-N	0.019	0.010	mg/L	1	12/16/20 19:58	TB	E353.2
Nitrate-N	0.63	0.02	mg/L	1	12/16/20 19:58	TB	E353.2
Nitrogen Tot Kjeldahl	9.74	2.00	mg/L	20	12/29/20	ARG	E351.1
Total Nitrogen	10.4	0.10	mg/L	1	12/29/20	ARG	SM4500NH3/E300.0-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

#### Comments:

P.O.#:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

December 30, 2020

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

## QA/QC Report

December 30, 2020

### QA/QC Data

SDG I.D.: GCH33443

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 557056 (mg/L), QC Sample No: CH33349 (CH33443)													
Nitrate-N	BRL	0.02	< 0.02	< 0.02	NC	97.2			91.6			90 - 110	20
Nitrite-N	BRL	0.01	0.013	0.02	NC	103			100			90 - 110	20
QA/QC Batch 557919 (mg/L), QC Sample No: CH33443 (CH33443)													
Ammonia as Nitrogen	BRL	0.05	0.44	0.42	4.70	95.1			98.6			90 - 110	20
Nitrogen Tot Kjeldahl	BRL	0.10	9.74	10.46	7.10	99.5			101			85 - 115	20
Comment:													
TKN is reported as Organic Nitrogen in the Blank, LCS, DUP and MS.													

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis/Shiller, Laboratory Director

December 30, 2020

Wednesday, December 30, 2020

# Sample Criteria Exceedances Report GCH33443 - BARNHARD

Criteria: None State: MA

State: MA

RL Analysis
SampNo Acode Phoenix Analyte Criteria Units
Result RL Criteria Units

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

<sup>\*\*\*</sup> No Data to Display \*\*\*



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



## **Analysis Comments**

December 30, 2020 SDG I.D.: GCH33443

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

42.41		
Coolant PR ICE No Data Deliver//Contact Options:  Fax:  Fax:	The particular of the particul	Data Format  Excel Size OSI/Key Other Data Package Tier II Checklist Tier II Checklist Tier II Checklist Tier II Checklist Then II Checkli
	→	tification    MWRA eSMART   S-1 10% CALC   S-1 6w-2   S-2 6w-3   S-2 6w-2   S-2 6w-3   S-3 6w-2   S-3 6w-3 ction  ollected: \text{CVF}
Muthly	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MA   MA   MA     RCP Cert
DY RECORI 370, Manchester, ( Fax (860) 645-60) 645-60) 645-8726 PDES (	LATER COL	(Residential) Direct Exposure (Comm/Industrial) Direct Exposure (Comm/Indu
CHAIN OF CUSTODY RECOR ast Middle Turnpike, P.O. Box 370, Mancheste mail: info@phoenixlabs.com Fax (860) 64 Client Services (860) 645-8726 Project: NPDES	Analysis Request Request Analysis Reputation Analys	Time:    1346
587 East N Emai	Ste Water pe OIL=Oil  Time Sampled  A  A  A  A  A  A  A  A  A  A  A  A  A	Date: 17-16-78  Turnaround   1-2-16-78  Turnaround   1-3-16-78  Turnaround
28 CA	ification Date: 1, Vater www=Waste Solid w=Wipe Solid w=Wipe Date Trik Sampled	in accordance
	Client Sample - Information - Identification  GW=Ground Water SW=Surface Water WW =Sediment SL=Sludge S=Soil SD=Soild  Customer Sample Identification Matrix SACALLA  CREALLA	Accepted by:  r Regulations:
PHOENTY Environmental Laboratories, Customer: Sanhadt Address: 247 Man	Client Sample - Informa  Customer Sudge  Customer Sample  Customer Sample  Identification  CREVENT  Chen  Ch	Requirements or
PHC Environme Customer: Address:	Client Sample - Information - Identification Sampler's Leader Signature Sample - Information - Identification Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water Ww=Waste Water B=Sediment SL=Sludge S=Soil SD=Soild W=Wipe OIL=Oil B=Bulk L=Liquid X=	Relinquished by:  Comments, Special Requirements or Regulations:  "MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.